



Please type a plus sign (+) inside this box [+]

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 081862.P257
(maximum 12 characters)

j1046 U.S. PTO
09/944782

08/30/01

First Named Inventor Rohit Sharma, et al.

Title: METHOD FOR MULTI-LINK LOAD BALANCING TO IMPROVE SEQUENCED DELIVERY OF FRAMES
AT PEER END

Express Mail Label No. EL617183162US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, D. C. 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original, and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 35)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings(s) (35 USC 113) (Total Sheets 5)**
5. **Oath or Declaration (Total Pages 5)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 17 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on
 - i. CD-ROM or CD-R (2 copies), or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**

10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)

11. b. Power of Attorney

12. English Translation Document (if applicable)

13. a. Information Disclosure Statement (IDS)/PTO-1449

14. b. Copies of IDS Citations

15. **Preliminary Amendment**

16. **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**

17. Certified Copy of Priority Document(s) (if foreign priority is claimed)

18. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**

19. Other: Copy of Postcard w/Express Mail Stamp.

18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
Of Prior Application No.: _____ **Examiner** _____ **Group Art Unit** _____
 (which is a continuation/ divisional/ CIP of prior application no. _____,
 which is a continuation/ divisional/ CIP of prior application no. _____) (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.

For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18B. Statement under 37 CFR 3.73(b) for continuing application:

The undersigned states that _____ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. _____ Frame No. _____ (or a copy of which is attached).

19. Correspondence Address

Customer Number or Bar Code Label _____
 or _____ (Insert Customer No. or Attach Bar Code Label here)

Correspondence Address Below

NAME Tarek N. Fahmi

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

ADDRESS 12400 Wilshire Boulevard

Seventh Floor

CITY Los Angeles STATE California ZIP CODE 90025-1026

Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-9397

Name (PRINT/TYPE) Tarek N. Fahmi

Registration No. 41,402

Signature: Tarek N. Fahmi

Date: 8/30/01

FEE TRANSMITTAL FOR FY 2001

TOTAL AMOUNT OF PAYMENT (\$) \$1,878.00

Complete if Known:

Application No. Not AssignedFiling Date HerewithFirst Named Inventor Rohit Sharma, et al.Group Art Unit Not AssignedExaminer Name Not AssignedAttorney Docket No. 081862.P257

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666
Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: Checks (\$1,838.00 & \$40.00)
 Credit Card
 Money Order
 Other

FEE CALCULATION

1. BASIC FILING FEE

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
		Utility application filing fee	<u>710.00</u>
		Design application filing fee	<u></u>
		Plant filing fee	<u></u>
		Reissue filing fee	<u></u>
		Provisional application filing fee	<u></u>

SUBTOTAL (1) \$ 710.002. EXTRA CLAIM FEES

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	<u>56</u>	<u>- 20** = 36</u>	<u>X \$18.00 = \$648.00</u>
Independent Claims	<u>9</u>	<u>- 3** = 6</u>	<u>X \$80.00 = \$480.00</u>
Multiple Dependent			<u>=</u>

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>
Fee	Fee	Fee
Code	(\$)	Code
103	18	203
102	80	202
104	270	204
109	80	209
110	18	210
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		**Reissue independent claims over original patent
		**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 1,128.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive – unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>
146	710	246	355	For filing a submission after final rejection (see 37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (see 37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
195	300	195	300	Publication fee for early, voluntary, or normal publication	
196	300	196	300	Publication fee for republication	
194	130	194	130	Request for voluntary publication or republication	
098	130	098	130	Processing fee under 37 CFR 1.17(i)	
091	1,240	091	1,240	Acceptance of unintentionally delayed claim for priority	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 40.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:

Typed or Printed Name: Tarek N Fahmi

Signature: 11/21 Date: 8/30/01

Reg. Number: 46,145 Telephone Number: (408) 947-8200

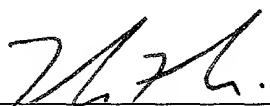
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)First Named Inventor Rohit Sharma, et al.Title METHOD FOR MULTI-LINK LOAD BALANCING TO IMPROVE SEQUENCED DELIVERY OF FRAMES
AT PEER ENDAttorney Docket No. 081862.P257

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8/30/01

Date



Signature

Tarek N. Fahmi

Typed or Printed Name

41,402

Registration No.

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months after the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(ii)).**

Send to: Assistant Commissioner for Patents, Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL617183162US
Date of Deposit: August 30, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Geneva Walls

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

Geneva Walls
August 30, 2001

(Date signed)

Serial/Patent No.: <u>***</u>	Filing/Issue Date: <u>Herewith</u>
Client: <u>Cisco Technology, Inc.</u>	
Title: <u>METHOD FOR MULTI-LINK LOAD BALANCING TO IMPROVE SEQUENCED DELIVERY OF FRAMES AT PEER END</u>	
BSTZ File No.: <u>081862.P257</u>	Atty/Secty Initials: <u>LJV/DNT/gw</u>
Date Mailed: <u>August 30, 2001</u>	Docket Due Date: <u>***</u>
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:	
<input checked="" type="checkbox"/> Amendment/Response (<u> </u> pgs.)	
<input type="checkbox"/> Appeal Brief (<u> </u> pgs.) (in triplicate)	
<input checked="" type="checkbox"/> Application - Utility (<u>35</u> pgs., with cover and abstract)	
<input type="checkbox"/> Application - Rule 1.53(b) Continuation (<u> </u> pgs.)	
<input type="checkbox"/> Application - Rule 1.53(b) Divisional (<u> </u> pgs.)	
<input type="checkbox"/> Application - Rule 1.53(b) CIP (<u> </u> pgs.)	
<input type="checkbox"/> Application - Rule 1.53(d) CPA Transmittal (<u> </u> pgs.)	
<input type="checkbox"/> Application - Design (<u> </u> pgs.)	
<input type="checkbox"/> Application - PCT (<u> </u> pgs.)	
<input type="checkbox"/> Application - Provisional (<u> </u> pgs.)	
<input checked="" type="checkbox"/> Assignment and Cover Sheet	
<input checked="" type="checkbox"/> Certificate of Mailing (<u>Express Mail</u>)	
<input checked="" type="checkbox"/> Declaration & POA (<u>5</u> pgs.)	
<input type="checkbox"/> Disclosure Docs & Orig & Copy of Invents Signed Letter (<u> </u> pgs.)	
<input checked="" type="checkbox"/> Drawings: <u>5</u> # of sheets includes <u>5</u> figures	
<input checked="" type="checkbox"/> Express Mail No. <u>EL617183162US</u> <input checked="" type="checkbox"/> Check No. <u>412</u>	
<input type="checkbox"/> <u> </u> Month(s) Extension of Time <u>3</u> Amt: <u>\$1,838.00</u>	
<input checked="" type="checkbox"/> Information Disclosure Statement & PTO-149 (<u>3</u> pgs.) <input checked="" type="checkbox"/> Check No. <u>413</u>	
<input type="checkbox"/> Issue Fee Transmittal Amt: <u>\$40.00</u>	
<input type="checkbox"/> Notice of Appeal	
<input type="checkbox"/> Petition for Extension of Time	
<input type="checkbox"/> Petition for	
<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Power of Attorney (<u> </u> pgs.)	
<input type="checkbox"/> Preliminary Amendment (<u> </u> pgs.)	
<input type="checkbox"/> Reply Brief (<u> </u> pgs.)	
<input type="checkbox"/> Response to Notice of Missing Parts	
<input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business	
<input checked="" type="checkbox"/> Transmittal Letter, in duplicate	
<input checked="" type="checkbox"/> Fee Transmittal, in duplicate	
<input checked="" type="checkbox"/> Other: <u>Request And Certification Under 35 U.S.C. 122(b)(2)(B)(i)</u>	
<u>Copy of Postcard w/Express Mail Stamp.</u>	
<u>Two (2) References Cited.</u>	